

General Equipment Small Size Bimetal Thermometers (101T)

Applications

- Providing economical and reliable service
- Non-corrosive media such as Gas, Oil or Water
- Machine and plant engineering
- Piping, pressure vessels and industrial heating

Temperature Element

- Coiled bimetal

Working Range

- Maximum scale value



Standard Specification Overview

Dial Size

- 50mm, 60mm, 75mm, 100mm

Reference Accuracy

- $\pm 2.0\%$ of Full Scale

Scale Ranges

- 0 ~ 650°C

* For more information, see the ordering information table.

Process Connection

- PT ("R" in ISO) 1/4", 1/2"

Material

- Case : Stainless steel
- Ring (Cover) : Stainless steel
- Connection : Chrome Plated Brass
- Stem : 304 SS
- Window : Glass
- Dial : White Aluminum with Black Graduations
- Pointer : Aluminum Alloy, Black Finished

Optional Extra

- Test Report by Manufacturer
- Test Report by KOLAS (ILAC-MRA)
- Connection Material (304 SS)
- OEM Service for a specific customer

* Note : The minimum length of Bimetal thermometer is 75 mm when the temperature is below 100 °C.

Ordering Information for 101T

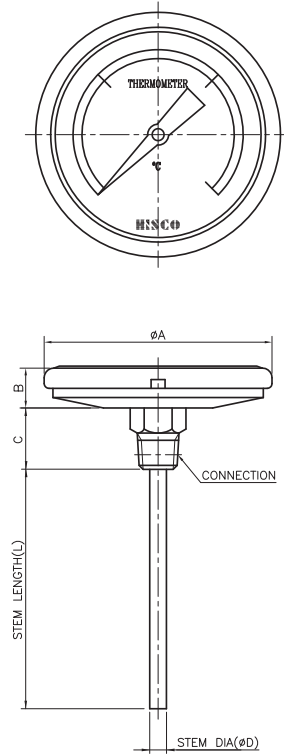
● = Standard Products ▲ = Available NA = Not Available

Model	Description	Case & Ring	Connection / Stem			
101T	General Equipment Small Size Bimetal Thermometers	304 SS (Crimped)	Chrome Plated Brass / 304 SS			
Code	Dial Size	Accuracy	101T			
20	50mm	±2.0% of Full Scale	●			
25	60mm	±2.0% of Full Scale	●			
30	75mm	±2.0% of Full Scale	●			
40	100mm	±2.0% of Full Scale	●			
Code	Mounting Type		20	25	30	40
D	Center Back Connection Stem Mounting		●	●	●	●
Code	Process Connection Style		20	25	30	40
2	PT ("R" in ISO Standard)		●	●	●	●
4	NPT		▲	▲	▲	▲
0	Others		☞	☞	☞	☞
Code	Process Connection Size		20	25	30	40
C	1/4"		●	●	▲	▲
F	1/2"		NA	NA	●	●
Code	Range					
XXX	Refer to the Temperature Range Code Table					
Code	Sensor (Stem) Outer Diameter		20	25	30	40
M6	6.4mm		●	●	●	●
Please request for other size of stem out Diameter.						
Code	Sensor (Stem) Length					
0075	75mm					
0100	100mm					
0150	150mm					
XXXX	Other (specify the length in mm or inch)					
Code	Applicable Accessory Options		20	25	30	40
W1	With Thermowell (Refer to the accessory model 100)		▲	▲	▲	▲
J1	Swivel Nut		▲	▲	▲	▲
J2	Compression Fitting		▲	▲	▲	▲
J3	Adjustable Union		▲	▲	▲	▲
J0	N/A		●	●	●	●
Code	Other Options		20	25	30	40
Test Reports						
T1	Test Report by Manufacturer		▲	▲	▲	▲
T2	Test Report by KOLAS (ILAC-MRA)		▲	▲	▲	▲
Material Option						
CM	Connection Material (304 SS)		▲	▲	▲	▲
OE	OEM Service for a specific customer		▲	▲	▲	▲

Sample Model Selection : 101T20D2C117M60100J0

* The standard specification and price are subject to change without prior notice

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[UNIT : mm]

Code	Dial Size	A	B	C
20	ø50	51	16	PT /4" : 19.5
25	ø60	69		PT 1/2" : 24
30	ø75	85	20	PT 1/2" : 24
40	ø100	110	21	

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